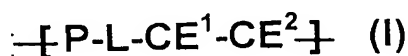


Claims

1. Process for the condensation of oligo- and/or (co-)polyamides, characterized in that as additive at least one compound with at least two carbonate units is employed.
2. Process according to claim 1, characterized in that the additive further comprises oligo- or polyamide, oligo- or polyester, oligo- or polyether, oligo- or polyetheresteramide or oligo- or polyesteramide units.
3. Process according to claim 1 or 2, characterized in that the additive has a melt index of from 20 to 300.
4. Process according to at least one of the preceding claims, characterized in that the additive is a block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycarbonate block.
5. Process according to claim 4, characterized in that the block B is selected among oligo- or polyamide blocks, oligo- or polyester blocks, oligo- or polyether blocks, oligo- or polyetheresteramide blocks, oligo- or polyesteramide blocks or mixtures or (block-) copolymers thereof.
6. Use of at least one compound with at least two carbonate units as additive for the condensation of oligo- and/or (co-)polyamides.
7. Use according to claim 6, characterized in that the compound further comprises oligo- or polyamide, oligo- or polyester, oligo or polyether, oligo- or polyetheresteramide or oligo- or polyesteramide units.
8. Use according to claim 6 or 7, characterized in that the compound has a melt index of from 20 to 300.
9. Use according to at least one of claims 6 to 8, characterized in that the compound is a block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycarbonate block.
10. Use according to claim 9, characterized in that the block B is selected among oligo- or polyamide blocks, oligo- or polyester blocks, oligo- or polyether blocks, oligo- or polyetheresteramide blocks, oligo- or polyesteramide blocks or mixtures or (block-) copolymers thereof.

11. Use of at least one block copolymer of the AB-type or A[BA]_{n≥1}-type, wherein A represents a polycarbonate block and B represents a non-polycarbonate block, for the compatibilisation of polymers of type A and type B.
12. Additive for the condensation of oligo- and/or (co-)polyamides, comprising at least one structural element of formula (I):



wherein P represents an oligo- or polyamide block, an oligo- or polyester block, an oligo- or polyether block, an oligo- or polyetheresteramide block, or an oligo- or polyesteramide block, CE¹ and CE² represent carbonate units, which may be the same or different, and L represents a linking group, selected among divalent groups and a single bond.

13. Additive according to claim 12, characterized in that L represents --COO--.
14. Additive according to claim 12 or 13, characterized in that it further comprises an oligo- or polycarbonate block, linked with the structural element via CE².
15. Additive according to claim 12 or 13, characterized in that P represents an oligo- or polyamide block.
16. Additive according to claim 12, obtainable by reactive extrusion of a polycarbonate with a COOH-terminated polyamide.
17. Use of the additive according to at least one of claims 12 to 16 for the compatibilisation of blends of polyamide and polycarbonate.